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## PRODUCTION OF BARIUM TITANATE POWDER

**Patent number:** JP6345432  
**Publication date:** 1994-12-20  
**Inventor:** KAWAMOTO MITSUTOSHI; others: 01  
**Applicant:** MURATA MFG CO LTD  
**Classification:**  
- **international:** C01G23/00  
- **European:**  
**Application number:** JP19930131812 19930602  
**Priority number(s):**

### Abstract of JP6345432

**PURPOSE:** To obtain barium titanate high in dielectric constant and low in the dielectric loss and the temperature factor of dielectric constant by hydrolyzing a solution containing both titanium alkoxide and manganese alkoxide followed by hydrothermal reaction with a barium salt.

**CONSTITUTION:** The objective barium titanate can be obtained by hydrolyzing a solution containing both titanium alkoxide and manganese alkoxide with an alkali followed by hydrothermal reaction with a barium salt. The number of carbon atoms in the alkoxyl in said two kinds of alkoxide is pref. <=15 (esp. <=8). The barium titanate powder obtained above can be baked at relatively low temperatures, being small in grain size and capable of producing laminated capacitors low in voltage dependency.

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